

TO: Dr. W. F. Gannon

DATE: October 11, 1979

FROM: J. E. Wickham

SUBJECT: HTI 7072/7073

Submitted By: W. Houck

7072 = M9AW-3 = Red S68 and Black L38 = Control Merit
Menthol 85 Cigarettes With Level A Menthol7073 = M9AX-3 = Red L38 and Black S68 = Experimental
Merit Menthol 85 Cigarettes With Level B Menthol

The experimental Merit Menthol 85 cigarettes (M9AX-3) with level B menthol were different from the control Merit Menthol 85 cigarettes (M9AW-3) in menthol in smoke and filler.

	Control Merit Menthol 85 With Level A Menthol	Experimental Merit Menthol 85 With Level B Menthol
IBM Code	M9AW-3	M9AX-3
HTI No.	7072	7073
<u>Smoke</u>		
Butt Length, mm	35	35
FTC Tar, mg/cigt.	9.5	9.2
Nicotine, mg/cigt.	0.71	0.70
Puffs/cigt.	8.1	8.0
Filtration Eff., %	58	58
<u>Cigarette</u>		
Total RTD, in. of H ₂ O	5.0	5.0
Static Burn. Time, min.	7.3	8.0
Length, mm	84.6	84.6
Circumference, mm	24.9	24.9
<u>Paper</u>		
Additive, type	Cit.	Cit.
Porosity, sec.	13	13
<u>Filter</u>		
RTD, in. of H ₂ O	4.5	4.6
Length, mm	25.0	25.1
Weight, g	0.17	0.18
Tipping paper length, mm	32	32
Dilution, %	29	31
<u>Filler</u>		
Total alkaloids, %	1.74	1.74
Total reducing sugars, %	3.3	3.9
Wt. of tob., g	0.711	0.717
Rod Density, g/cc	0.242	0.244
<u>Menthol, mg/cigt.</u>		
Smoke	0.37	0.45
Filler	4.4	5.1
Filter	0.3	0.3

JEW:gmm

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